



Contribution ID: 299

Type: **Talk**

Reproducing the GeV Galactic Center Excess Using CALET Data

Monday 21 July 2025 13:50 (15 minutes)

The Calorimetric Electron Telescope (CALET) currently has more than nine years of high-energy γ -ray data that has not been fully explored. A region of particular interest for γ -ray astronomy is the Galactic Center (GC). Analysis of Fermi Large Area Telescope (LAT) data shows an excess of GeV γ rays from the GC region that could possibly be explained by the annihilation of weakly interacting massive particles (WIMPs) or an unresolved population of millisecond pulsars. Here we present the analysis of the Galactic Center using CALET data.

Collaboration(s)

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Session Classification: GA

Track Classification: Gamma-Ray Astrophysics